

**What is Claimed is:**

1. A method of manufacturing a hearing aid, comprising the steps of providing a shell, said shell being adapted to the ear canal of a user and having an outward opening, providing a faceplate, said faceplate having a recess, joining said faceplate to said shell to cover said outward opening and to define a housing, adapting an outer contour of said faceplate according to a contour of said shell, providing an electronic module, said electronic module having components for sound reception, signal processing and sound reproduction, and mounting said electronic module in said housing by passing at least part of said electronic module through said recess and into said housing and engaging said electronic module with said housing.

2. The method according to claim 1, wherein said electronic module is placed at least partially below said faceplate.

3. The method according to claim 1, comprising, after the step of adapting a contour and prior to the step of mounting said electronic module, the step of cleaning said housing.

4. The method according to claim 1, wherein the step of mounting said electronic module comprises passing a first part of the electronic module through said recess and into said shell, inserting a second part of said electronic module in said recess.

5. The method according to claim 4, comprising engaging said second part in said faceplate.

6. The method according to claim 4, comprising engaging said second part in said faceplate by resilient, releasable means.

7. The method according to claim 4, comprising engaging said second part in said faceplate by providing in said faceplate faceplate engagement means, providing in said second part resilient, projecting lugs, and engaging said lugs in said faceplate engagement means.

8. The method according to claim 4, comprising providing in said second part integral battery terminals.

9. The method according to claim 1, comprising providing a battery lid pivotally connected to said faceplate.

10. The method according to claim 4, comprising providing a battery lid pivotally connected to said second part.

11. The method according to claim 10, comprising providing in said second part a hinge pin, and providing in said battery lid hinge tracks for cooperative engagement with said pin.

12. The method according to claim 1, wherein said electronic module comprises a microphone, a signal processing part and a telephone.

13. The method according to claim 12, comprising connecting said microphone to said signal processing part via flexible wires.

14. The method according to claim 12, comprising connecting said signal processing part to said telephone via flexible wires.

15. The method according to claim 4, wherein said first part comprises a signal processing part.

16. The method according to claim 4, wherein said first part comprises a telephone.

17. The method according to claim 4, wherein said second part comprises a microphone.

18. The method according to claim 1, wherein said recess comprises a first region adapted for the insertion of a battery and a second region, contiguous with said first region, for receiving a socket part of said electronic module.

19. The method according to claim 18, wherein said recess is formed such that said first and second regions together allow passage of a signal processing part and a sound reproducer part.

20. A method of manufacturing a hearing aid housing, comprising the steps of providing a shell, said shell being adapted to the ear canal of a user and having an outward opening, providing a faceplate, said faceplate having a recess, said recess having a first region for the insertion of a battery and a second region contiguous with said first region for receiving a socket part of an electronic module, joining said faceplate to said shell to cover said outward opening and to define a housing, and adapting an outer con-tour of said faceplate according to a contour of said shell.

21. The method according to claim 20, comprising the step of cleaning said housing.

22. The method according to claim 20, comprising providing in said faceplate faceplate engagement means.

23. The method according to claim 20, comprising providing a battery lid pivotally connected to said faceplate.

24. The method according to claim 23, comprising providing in said battery lid hinge tracks for cooperative engagement with a hinge pin.

25. The method according to claim 20, wherein said recess is formed such that said first and second regions together allow passage of a signal processing part and a sound reproducer part.

26. The method according to claim 20, wherein the step of adapting an outer contour comprises forming by cutting or milling.

27. The method according to claim 20, comprising providing in said shell a sound exit hole.

28. The method according to claim 20, wherein the step of joining comprises gluing said faceplate to said shell.